Application Serial No. 10,588,885   **MAY 2 1 2009**   PATENT
Reply to office action of March 3, 2009   Docket: CU-4982

Amendments To The Claims

The listing of claims presented below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (previously presented) A method for a calling party to reinitiate a call in card number service, comprising:

a call controller instructing a calling gateway to detect a preset key combination in a session;

when having detected the calling party dialing the key combination, the calling gateway reporting a first event message to the call controller;

the call controller responding to the first event message, releasing the current call, sending an indication that the called party has hung up to a Service Control Point(SCP), prompting and waiting for the calling party to initiate a new call via the calling gateway; wherein sending the indication that the called party has hung up to the SCP neglects whether the called party has actually hung up.

2. (original) The method according to Claim 1, further comprising:

upon having collected the new call number dialed by the calling party, the calling gateway sending a report to the call controller to initiate a new calling process.

3. (original) The method according to Claim 1, wherein, the call controller and the calling gateway adopt Media Gateway Control Protocol (MGCP) between them; and

in said step of a call controller instructing a calling gateway to detect a preset key combination in a session, the call controller instructs the calling gateway to detect the preset key combination via Modify Connection massage whose parameters are Session Descriptive Protocol (SDP) and the key combination Digitmap;

in said step of the calling gateway reporting a first event message to the call controller when having detected the calling party dialing the key combination, the first event message is Notify message;

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in said step of the call controller responding to the first event message, releasing the current call, sending an indication to a Service Control Point(SCP), prompting and waiting for the calling party to initiate a new call via the calling gateway, the call controller instructs the calling gateway to collect the new call number dialed by the calling party via Request Notify message whose parameters are DialTone and Normal MGCP Digitmap.

4.   (original) The method according to Claim 2,   wherein, the call controller and the calling gateway adopt Media Gateway Control Protocol(MGCP) between them; and

in said step of a call controller instructing a calling gateway to detect a preset key combination in a session, the call controller instructs the calling gateway to detect the preset key combination via Modify Connection massage whose parameters are Session Descriptive Protocol (SDP) and the key combination Digitmap;

in said step of the calling gateway reporting a first event message to the call controller when having detected the calling party dialing the key combination, the first event message is Notify message;

in said step of the call controller responding to the first event message, releasing the current call, sending an indication to a Service Control Point(SCP), prompting and waiting for the calling party to initiate a new call via the calling gateway, the call controller instructs the calling gateway to collect the new call number dialed by the calling party via Request Notify message whose parameters are DialTone and Normal MGCP Digitmap

5.   (original) The method according to Claim 3, wherein, in said step of the calling gateway sending a report to the call controller to initiate a new calling process upon having collected the new number dialed by the calling party, the calling gateway reports the collected new call number of the calling party to the call controller via Notify message.

6.   (original) The method according to Claim 1, wherein, the call controller and the calling gateway adopt Protocol H.248 between them; and

in said step of a call controller instructing a calling gateway to detect a preset key

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combination in a session, the call controller instructs the calling gateway to detect the preset key combination via Modify_Request message whose parameters are Session Descriptive Protocol (SDP) and the key combination Digitmap;

in said step of the calling gateway reporting a first event message to the call controller when having detected the calling party dialing the key combination, the first event message is Notify_Request message;

in said step of the call controller responding to the first event message, releasing the current call, sending an indication to a Service Control Point(SCP), prompting and waiting for the calling party to initiate a new call via the calling gateway, the call controller instructs the calling gateway to collect the new call number dialed by the calling party via Modify_Request message whose parameters are DialTone and Normal H.248 Digitmap.

7.   (original) The method according to Claim 2, wherein, the call controller and the calling gateway adopt Protocol H.248 between them; and

in said step of a call controller instructing a calling gateway to detect a preset key combination in a session, the call controller instructs the calling gateway to detect the preset key combination via Modify_Request message whose parameters are Session Descriptive Protocol (SDP) and the key combination Digitmap;

in said step of the calling gateway reporting a first event message to the call controller when having detected the calling party dialing the key combination, the first event message is Notify_Request message;

in said step of the call controller responding to the first event message, releasing the current call, sending an indication to a Service Control Point(SCP), prompting and waiting for the calling party to initiate a new call via the calling gateway, the call controller instructs the calling gateway to collect the new call number dialed by the calling party via Modify_Request message whose parameters are Dial Tone and Normal H.248 Digitmap.

8.   (original) The method according to Claim 5, wherein, in said step of the calling gateway sending a report to the call controller to initiate a new calling process upon having collected the new number dialed by the calling party, the calling gateway reports

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the collected new call number of the calling party to the call controller via
Notify_Request message.

9.   (original) The method according to Claim 1, wherein, the call controller is a
Service Switch Point (SSP) or a soft switch device.

10.   (original) The method according to Claim 2, wherein, the call controller is a
Service Switch Point (SSP) or a soft switch device.

11.   (original) The method according to Claim 1, wherein, the key combination is any
random combination of all the keys.

12.   (original) The method according to Claim 2, wherein, the key combination is any
random combination of all the keys.

13.   (new) The method according to Claim 1, wherein the call controller
instructing the calling gateway to detect the preset key combination in the
session comprises:
     a soft switch device issues a digits-collecting request to the gateway in a
soft switch system.

14.   (new) The method according to Claim 1, wherein the call controller
instructing the calling gateway to detect the preset key combination in the
session comprises:
the call controller instructing the calling gateway to detect the preset key
combination via a mode of Digitmap or immediate report.